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	Application No.	Applicant(s)
Notice of Allowability	09/771,410	MARTIJA ET AL.
	Examiner	Art Unit	
	Hanh Nguyen	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/18/04*.

2. ☒ The allowed claim(s) is/are *Claims 4-10 renumbered 1-7 respectively.*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**
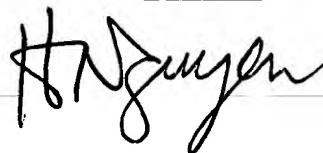
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☒ Other *Attachment*.

HANH NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Vivian Justin (732) 699 7864 on 6/26/06.

The application has been amended as follows: Claims 4, 6 and 7 have been amended as

shown in the attached copy.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Hanh Nguyen whose telephone number is 571 272 3092. The

examiner can normally be reached on Monday-Friday 8:30 AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ahmad Matar can be reached on 571 272 7488. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hanh Nguyen

HANH NGUYEN
PRIMARY EXAMINER

Attachment

Claim 4 (amended). A method for determining network traffic flowing between a first region and

a second region, said method comprising the steps of:

identifying [one] **two** or more routers in the first region by determining a longitude and a

latitude of the [one] **two** or more routers in the first region;

identifying [one] **two** or more routers in the second region by determining a longitude

and a latitude of the [one] **two** or more routers in the second region;

identifying links that connect the identified [one] **two** or more routers in the first region

to the identified [one] **two** or more routers in the second region, the step of identifying the links

comprising the steps of:

retrieving information about topology of the [one] **two** or more routers in the first

and second regions;

selecting the [one] **two** or more routers in the first region whose determined

longitude and latitude are in predetermined areas of the first region;

selecting the [one] **two** or more routers in the second region whose

determined longitude and latitude are in predetermined areas of the second region; and

comparing the latitude and longitude of the selected [one] **two** or more routers in

the first and second regions with the retrieved topology information to identify links that connect

the selected [one] **two** or more routers in the first region to the selected [one] **two** or more

routers in the second region;

determining, at a processor remote from the [one] **two** or more routers in the first and

second regions, used bandwidth of the identified links over a period of time; and

determining the network traffic flowing between the first and second regions based on the

determined bandwidth.

Claim 6 (amended). A method for determining network traffic flowing between a first region

and a second region, said method comprising the steps of:

identifying [one] **two** or more routers in the first region;

identifying [one] **two** or more routers in the second region;

identifying links that connect the identified [one] **two** or more routers in the first region

to the identified [one] **two** or more routers in the second region;

determining, at a processor remote from the [one] **two** or more routers in the first and

second regions, used bandwidth of the identified links over a period of time; and

determining the network traffic flowing between the first and second regions based on the

determined bandwidth, the step of determining the network traffic comprising the steps of:

determining an average of a plurality of samples of used bandwidth remotely

determined by the processor; and

multiplying the determined average by the period of time to determine the

network traffic flowing between the first and second regions.

Claim 7(amended). A method for determining the traffic flowing through a first region and a

second region, said method comprising the steps of:

identifying [one] **two** or more routers in the first region;

identifying [one] **two** or more routers in the second region;

identifying links that connect the identified [one] **two** or more routers in the first region

to the identified [one] **two** or more routers in the second region;

determining, at a processor remote from the [one] **two** or more routers in the first and

second regions, used bandwidth of the identified links over a period of time; and

determining the network traffic flowing between the first and second regions based on the

determined bandwidth, the step of determining the network traffic comprising the steps of:

estimating a total number of links connecting the routers in the first region to

routers in second region; and

multiplying the estimated total number of links by the determined used bandwidth

to determine the network traffic flowing between the first and second regions.